

AMENDMENTS TO THE CLAIMS

1-14. (Canceled)

15. (Previously Presented) An exercise apparatus comprising:

a support frame including a rear mounting assembly; and

a resistance unit including a magnetic field generation source and a flywheel, wherein the flywheel comprises:

a circular body including an outer peripheral flange and a hub section, the hub section having a centrally located bore for receiving an axle, the circular body rotatably connected to the rear mounting assembly through the axle;

a plurality of radial segments of a non-magnetic, conductive material are removably coupled to the outer peripheral flange defining gaps therebetween; and

a driven member connected to the hub section, wherein the driven member is adapted to be drivenly connectable to a transmission system for rotating a portion of the radial segments through the magnetic field generation source resulting in a resistance against the rotation of the flywheel.

16-20. (Canceled)

21. (Currently Amended) An exercise training apparatus comprising:

a support frame for supporting a portion of a bicycle frame ~~having a transmission including a flexible drive element~~; and

a resistance generation unit ~~for creating resistance against the transmission, the resistance generation unit~~ coupled to the support frame;

wherein the support frame includes a tensioning device ~~for selectively tensioning the flexible drive element~~, the tensioning device including ~~a base~~, a support member projecting upwardly from the support frame base, ~~a portion of which supports the flexible drive element~~, an elongate deflection member having a first end secured to the support member and a second end securable to ~~[[the]]~~ a bicycle frame~~[[;]]~~, and a linear actuator mounted on the support member, an end of the linear actuator engageable with the second end of the deflection member.

22. (Currently Amended) An exercise training apparatus comprising:

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~~a support frame having a bicycle frame mounting structure and a flywheel mounting structure for supporting a bicycle frame having a transmission including a flexible drive element, the support frame further comprising an adjustment mechanism for selectively adjusting the wheel base of the support frame, which corresponds to the wheel base of a bicycle frame to be supported by the support frame;~~

~~a bicycle frame having rear fork members detachably coupled to the bicycle frame mounting structure of the support frame about a common first axis;~~

~~a flywheel rotatably coupled about a second axis to the flywheel mounting structure of the support frame in-between the rear fork members of the bicycle frame, wherein the second axis is different from the first axis;~~

~~a transmission including a driven member coupled to the flywheel and a user operable drive assembly, the drive assembly coupled to the bicycle frame and operably connected to the driven member through a flexible transmission element; and~~

~~a resistance generation unit for creating resistance against flywheel rotation the transmission, the resistance generation unit coupled to the support frame;~~

~~wherein the support frame includes a chain tensioning device for selectively tensioning the flexible drive element by adjusting the distance between the first and second axes.~~

23. (Previously Presented) An exercise training apparatus comprising:

a support frame having a rear mounting assembly;

a bicycle frame having rear fork members, the rear fork members being capable of detachably mounting a ground engaging wheel thereon, the rear fork members being detachably coupled to the rear mounting assembly of the support frame about a common first axis;

a flywheel rotatably coupled about a second axis to the rear mounting assembly of the support frame in-between the rear fork members of the bicycle frame, wherein the second axis is different from the first axis;

a transmission system including a driven member coupled to the flywheel and a user operable drive assembly, the drive assembly coupled to the bicycle frame and operably connected to the driven member through a flexible transmission element; and

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a magnetic field generation source coupled to the rear mounting assembly of the support frame, a portion of the flywheel passing through the magnetic field generation source.

24. (Currently Amended) An exercise training apparatus comprising:

a support frame having a rear mounting assembly including a first support member, and a second support member configured for selectively connecting rear fork members of [[the]] a bicycle frame along a common, first connection axis;

a flywheel rotatably coupled about a second axis to the first support member of the rear mounting assembly in-between the rear fork members of the bicycle frame, wherein the second axis is different from the first connection axis; and

a magnetic field generation source coupled to the rear mounting assembly of the support frame, a portion of the flywheel passing through the magnetic field generation source.

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